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Solar Panel Guide Specification Data Sheet

Jiangsu Runda PV Co., Ltd.

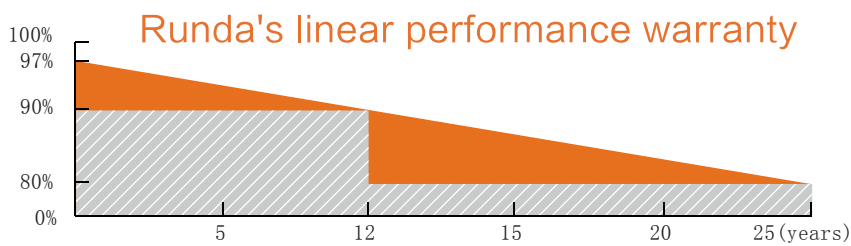
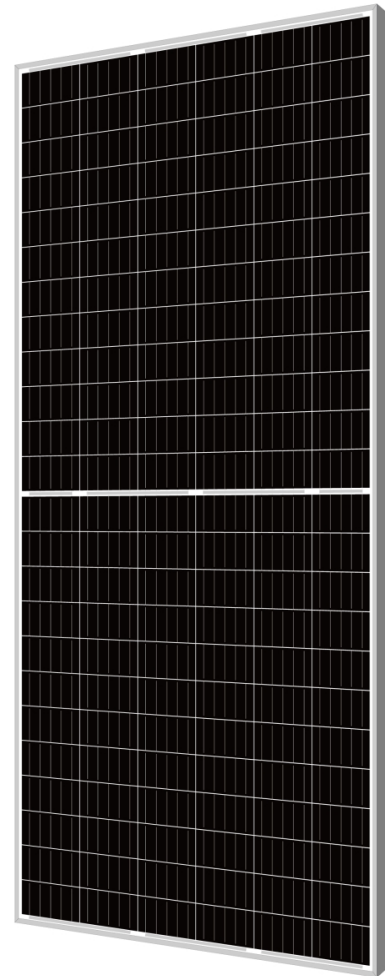
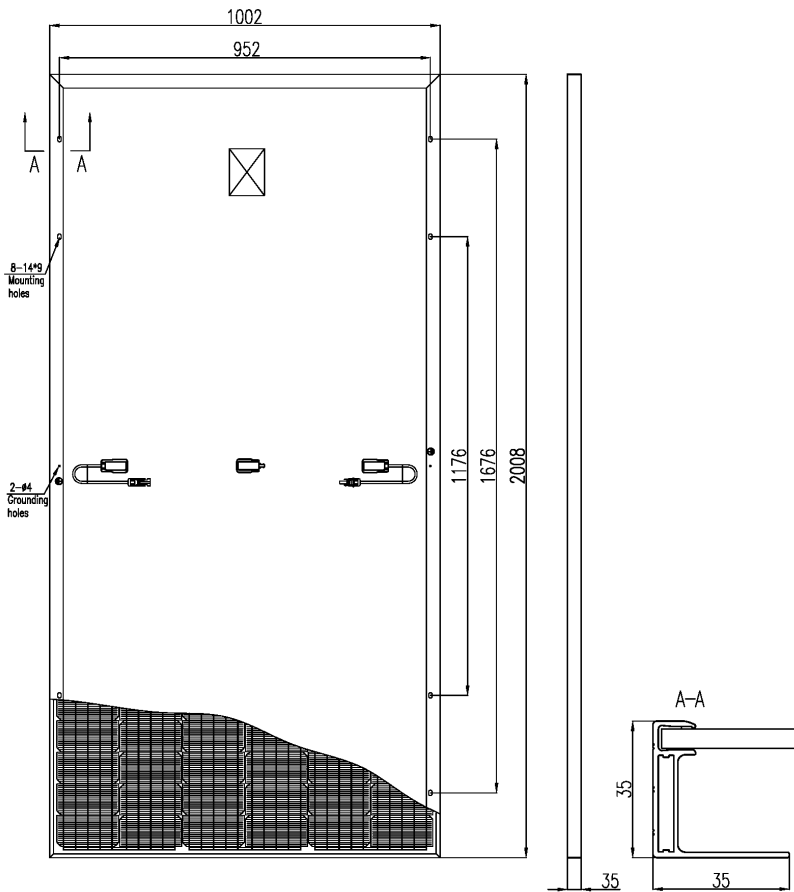
RS385-405S-144

RS405S-144

Also available on the web at
EnergyPal.com/jiangsu-runda-pv-co-ltd-solar-panels/rs405s-144

RS400S-144

- RS385S-144
- RS390S-144
- RS395S-144
- RS405S-144



10 Years
Material & Craft
Quality assurance

12 Years
90% output
Power guarantee

25 Years
80% output
Power guarantee



ISO9001
ISO14001
OHSAS18001



High Module Efficiency



Mechanical Load
Capability up to 8000 Pa



Salt Mist Corrosion Protect
Ammonia Resistance



Potential Induced
Degradation Free

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RS400S-144

- RS385S-144
- RS390S-144
- RS395S-144
- RS405S-144

Electrical Characteristics

	TYPE	RS385S-144	RS390S-144	RS395S-144	RS400S-144	RS405S-144
STC 1000W/M ² Module Temperature 25°C A.M.1.5	POWER OUTPUT	385	390	395	400	405
	MAXPOWER TOLERANCE	0-5W	0-5W	0-5W	0-5W	0-5W
	MODULE EFFICIENCY (%)	19.1	19.4	19.6	19.9	20.1
	VOLTAGE MPP Vmpp	40.15	40.33	40.60	40.86	41.08
	CURRENT MPP Impp (A)	9.59	9.67	9.73	9.79	9.86
	VOLTAGE OPEN CIRCUIT Voc	48.94	49.15	49.41	49.68	49.81
SHORT CIRCUIT CURRENT Isc (A)	10.13	10.19	10.26	10.33	10.41	
NOCT 800W/M ² Environment Temperature 20°C A.M.1.5	POWER OUTPUT	295.77	299.61	303.45	307.29	311.13
	VOLTAGE MPP Vmpp (V)	36.59	36.76	37.00	37.24	37.44
	CURRENT MPP Impp (A)	8.08	8.15	8.20	8.25	8.31
	VOLTAGE OPEN CIRCUIT Voc (V)	45.19	45.38	45.62	45.87	45.99
	SHORT CIRCUIT CURRENT Isc (A)	8.61	8.66	8.72	8.78	8.85
TEMPERATURE COEFFICIENTS Isc	(% / °C)			0.046		
TEMPERATURE COEFFICIENTS Voc	(% / °C)			-0.276		
TEMPERATURE COEFFICIENTS Pmpp	(% / °C)			-0.381		
NOCT (°C)				45±2°C		

Mechanical Data

DIMENSIONS OF MODULE	2008*1002*35mm
WEIGHT(Kg)	22.5
CABLE	4mm ²
GLASS	High transmission glass 3.2mm
JUNCTION BOX	IP68, 3 Bypass-Diode, 300mm in length
TYPE OF CONNECTOR	Compatible with MC 4 plug

Working Conditions

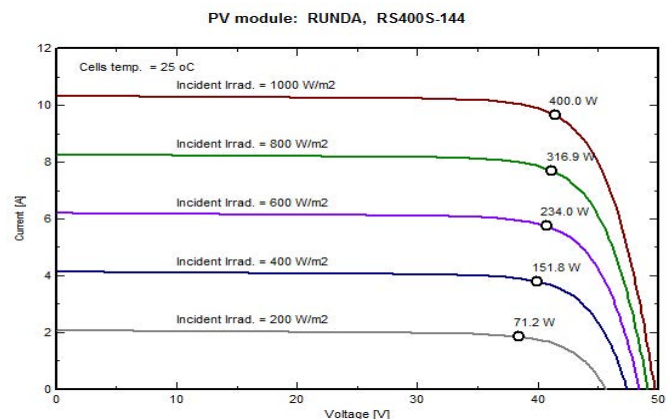
MAX SYSTEM VOLTAGE (VDC)	1500V
SERIES FUSE RATING	15A
MECHANICAL LOAD	≥5400Pa
OPERATING TEMPERATURE (°C)	-40~+85
APPLICATION CLASS	A

Packaging Configuration

Loading Capacity	300 pcs/20GP
	704 pcs/40HC

Contact Information

I-V CURVES



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